



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/912,757	08/18/97	CALLAN	SV41-002

PATENT ADMINISTRATOR  
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LM02/1112

EXAMINER  
HAYAN, T

ART UNIT 2771	PAPER NUMBER
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DATE MAILED:

11/12/98

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
08/912,757

Applicant(s)  
Callan

Examiner  
Thu-Thao Havan

Group Art Unit  
2771



☒ Responsive to communication(s) filed on Aug 18, 1997

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire Three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-16 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-16 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 5

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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## **DETAILED ACTION**

### ***Drawings***

1. The drawings in this application are objected to by the Draftsperson as informal. Any drawing corrections requested but not made in the prior application should be repeated in this application if such changes are still desired. If the drawings were changed and approved during the prosecution of the prior application, a petition may be filed under 37 CFR 1.182 requesting the transfer of such drawings, provided the parent application has been abandoned. However, a copy of the drawings as originally filed must be included in the 37 CFR 1.60 application papers to indicate the original content.

### ***Claim Objections***

2. Claim 16 objected to because of the following informalities: In claim 16, it is necessary to delete "claim 9," and inserted therefore--claim 14--. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

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(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

4. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Barr et al. (US Patent No.5,742,816).
5. As to claim 1, the prior art Barr discloses: a.) a document parser (**column 1, lines 20-27; figure 2**), b.) a profile parser (**column 1, lines 27-35; column 2, lines 20-25**), and c.) a comparator (**column 1, lines 50-55**).
6. As to claim 7, Barr discloses: a.) an incoming document (**column 12, lines 15-35**), b.) the produced invert list to retrieve query (**column 12, lines 12-35**), c.) a query net matching (**column 13, lines 30-67**) and d.) a scoring profile (**column 13, lines 30-67**).
7. The limitations of claim 12 have been discussed in the rejection of claims 1 and 7. They are therefore rejected as set forth above.
8. As to claim 2, Barr discloses a term dictionary (**column 12, lines 15-45**).
9. As to claim 3, Barr discloses a profile parser (**column 12, lines 54-65**).
10. As to claim 4, Barr discloses a comparator compares an inverted list (**column 13, lines 10-20**).
11. As to claim 5, Barr discloses an inverted list associated with an incoming document (**column 4, lines 19-30**).

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12. As to claim 6, Barr discloses the document parser and the comparator reside on separate machines (**column 11, lines 35-50**).
13. As to claims 8 and 13, Barr discloses the step of receiving user queries and parsing the user queries to produce query nets representing the query (**column 12, lines 15-35**).
14. As to claims 9 and 14, Barr discloses the storing of all query nets associated with a user as a clipset(**column 6, lines 1-5**).
15. As to claims 10 and 15, Barr discloses the storing of an inverted list associated with incoming document (**column 6, lines 5-25**).
16. The limitations of claims 11 and 16 have been discussed in the rejection of claims 1 and 7. They are therefore rejected as set forth above.

### **Conclusion**

17. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
18. Husick et al., US Patent 5,717,914 is considered relevant because it disclosed a method for storing input information in an information retrieval system database.
19. Schultz., US Patent 5,737,734 is considered relevant because it disclosed a query having at least one query word with a query word weight.
20. Turtle et al., US Patent 5,488,725 is considered relevant because it disclosed an information retrieval system based on probabilities that documents meet information needs.

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### **Inquiries**

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ms. Thu-Thao Havan whose telephone number is (703) 308-7062. The examiner can normally be reached on Monday through Thursday from 7:00 a.m. to 5:00 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black, can be reached on (703) 305-9707.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**Or:**

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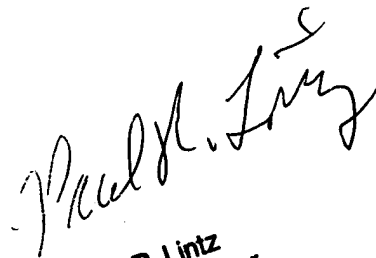
(703) 305-9731 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

*Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).*

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-9600.

Thu-Thao Havan

November 8, 1998

  
Paul R. Lintz  
Primary Examiner